

Table 1: SB 375 Base Year Estimate

Weekday Vehical Miles Traveled and Weekday Carbon Dioxide are reported from Emfac2007 for LDA, LDT1, LDT2, and MDV vehicle classifications.

		Metropolitan Planning Organization
		SACOG***
Base Year Scenario (2005)		
Total Weekday Vehicle Miles Traveled (000s)		58,531
SB 375 Weekday Vehicle Mile Traveled (000s)		49,625
Internal	I-I	38,988
Interregional	X-I, I-X	9,193
Through	X-X	1,444
Percentage of Total Vehicle Miles Travelled		84.8%
Caltrans HPMS Vehicle Miles Traveled Estimate*		56,219
Difference from Total MPO Estimate		4.1%
CA BOE Regular Gas Sales (2008) (millions)		968.09
Estimated Miles / Gallon (HPMS)		49.62
Estimated Miles / Gallon (MPO)		56.22
Weekday Carbon Dioxide (tons = 2000lbs)		23,640
Internal	I-I	18,573
Interregional	X-I, I-X	4,379
Through	X-X	688
DOF Estimated Population		2,188,098
MPO Estimated Population (if avail)		2,057,200
Difference		(6.0%)
SB 375 Weekday Per Capita Carbon Dioxide (lbs)		23.0
Internal	I-I	18.1
Interegional	X-I, I-X	4.3
Through	X-X	0.7

* Caltrans HPMS VMT estimate includes all vehicle classifications. SB 375 is only concerned with automobiles and light duty trucks. VMT reported by MPOs only includes vehicle classifications ARB considers subject to SB 375.

** the data report herein are extracted from SCAG 08 RTP and are subject to change once observed
 *** SACOG bases travel modeling on household transportation; group quartered population is not

Source:

HPMS: 2005 California Public Road Data. Table 6.
 <<http://www.dot.ca.gov/hq/tsip/hpms/hpmslibrary/hpmspdf/2005PRD.pdf>>

Population: State of California, Department of Finance, California County Population Estimates and Components of Change by Year, July 1, 2000-2009. Sacramento, California, December 2009.
 <http://www.dof.ca.gov/research/demographic/reports/estimates/e-2/2000-09/documents/E-2_Report.xls>

Tons Conversion
 Annualized Factor

2000
 347

2005 Base Scenario

Table 1: SB 375 2020 Estimate

Weekday Vehical Miles Traveled and Weekday Carbon Dioxide are reported from Emfac2007 for LDA, LDT1, LDT2, and MDV vehicle classifications.

		Metropolitan Planning Organization
		SACOG***
Base Year Scenario (2020)		
Total Weekday Vehicle Miles Traveled (000s)		73,848
SB 375 Weekday Vehicle Mile Traveled (000s)		64,345
Internal	I-I	51,887
Interregional	X-I, I-X	10,585
Through	X-X	1,873
Percentage of Total Vehicle Miles Travelled		87.1%
Weekday Carbon Dioxide (tons = 2000lbs)		30,220
Internal	I-I	24,369
Interregional	X-I, I-X	4,971
Through	X-X	880
DOF Estimated Population		2,767,408
MPO Estimated Population (if avail)		2,733,500
Difference		(1.2%)
SB 375 Weekday Per Capita Carbon Dioxide (lbs)		22.1
Internal	I-I	17.8
Interegional	X-I, I-X	3.6
Through	X-X	0.6

* Caltrans HPMS VMT estimate includes all vehicle classifications. SB 375 is only concerned with automobiles and light duty trucks. VMT reported by MPOs only includes vehicle classifications ARB considers subject to SB 375.

** the data report herein are extracted from SCAG 08 RTP and are subject to change once observed
 *** SACOG bases travel modeling on household transportation; group quartered population is not

Source:
HPMS: 2005 California Public Road Data, Table 6.
 <<http://www.dot.ca.gov/hq/tsip/hpms/hpmslibrary/hpmspdf/2005PRD.pdf>>

Population: State of California, Department of Finance, California County Population Estimates and Components of Change by Year

Tons Conversion **2000**
 Annualized Factor **347**

Table 1: SB 375 2035 Estimate

Weekday Vehical Miles Traveled and Weekday Carbon Dioxide are reported from Emfac2007 for LDA, LDT1, LDT2, and MDV vehicle classifications.

		Metropolitan Planning Organization
		SACOG***
Base Year Scenario (2035)		
Total Weekday Vehicle Miles Traveled (000s)		87,775
SB 375 Weekday Vehicle Mile Traveled (000s)		75,617
Internal	I-I	61,408
Interregional	X-I, I-X	11,909
Through	X-X	2,300
Percentage of Total Vehicle Miles Travelled		86.1%
Weekday Carbon Dioxide (tons = 2000lbs)		35,210
Internal	I-I	28,594
Interregional	X-I, I-X	5,545
Through	X-X	1,071
DOF Estimated Population		3,376,408
MPO Estimated Population (if avail)		3,349,000
Difference		(0.8%)
SB 375 Weekday Per Capita Carbon Dioxide (lbs)		21.0
Internal	I-I	17.1
Interegional	X-I, I-X	3.3
Through	X-X	0.6

* Caltrans HPMS VMT estimate includes all vehicle classifications. SB 375 is only concerned with automobiles and light duty trucks. VMT reported by MPOs only includes vehicle classifications ARB considers subject to SB 375.

** the data report herein are extracted from SCAG 08 RTP and are subject to change once observed
 *** SACOG bases travel modeling on household transportation; group quartered population is not

Source:

HPMS: 2005 California Public Road Data, Table 6.
 <<http://www.dot.ca.gov/hq/tsip/hpms/hpmslibrary/hpmspdf/2005PRD.pdf>>

Population: State of California, Department of Finance, California County Population Estimates and Components of Change by Year

Tons Conversion
 Annualized Factor

2000
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YEAR: 2005

	SACOG	DOF	MPO
El Dorado		147,707	154,468
Placer		313,935	299,872
Sacramento		1,378,518	1,283,234
Sutter		90,044	80,802
Yolo		189,341	172,872
Yuba		68,553	65,646

Total		2,188,098	2,057,200
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* SACOG includes partial of Placer and El Dorado

Source:

State of California, Department of Finance, California County Population Estimates and Components of Change by Year, July 1, 2000-2009. Sacramento, California, December 2009.
<http://www.dof.ca.gov/research/demographic/reports/estimates/e-2/2000-09/documents/E-2_Report.xls>

YEAR: 2020

	SACOG	DOF	MPO
El Dorado		221,140	
Placer		428,535	
Sacramento		1,622,306	
Sutter		141,159	
Yolo		245,052	
Yuba		109,216	

Total		2,767,408	2,733,500
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* SACOG includes partial of Placer and El Dorado

YEAR: 2035

	SACOG	DOF	MPO
El Dorado		264,425	
Placer		568,471	
Sacramento		1,897,129	
Sutter		205,234	
Yolo		288,807	
Yuba		152,342	

Total		3,376,408	3,349,000
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* SACOG includes partial of Placer and El Dorado

	SACOG	
	HPMS	MPO
El Dorado	4,636	
Placer	9,534	
Sacramento	32,145	
Sutter	2,374	
Yolo	5,683	
Yuba	1,849	
 Total	 56,219	 -

* SACOG includes partial of Placer and El Dorado

Source:

State of California, Department of Finance, California County Population Estimates and Components of Change by Year, July 1, 2000-2009. Sacramento, California, December 2009.
<<http://www.dof.ca.gov/research/demographic/reports/estimates/e-2/2000-0>

	SACOG
	BOE
El Dorado	84.50
Placer	200.88
Sacramento	526.96
Sutter	38.28
Yolo	85.62
Yuba	31.85
Total	968.09

* SACOG includes partial of Placer and El Dorado

Source:
State of California, Department of Finance, California County Population
Estimates and Components of Change by Year, July 1, 2000-2009.
Sacramento, California, December 2009.